

# Cadastre, Boundaries, PLSS Workgroup Meeting Minutes from December 18, 2007

Attendees – approximately 30-35 individuals

## Lorraine Wright

Introduced the IGIC and State Agency representatives that are participating in the Workgroup:

Lorraine Wright, IDEM  
Jill Saligoe-Simmel, IGIC, Executive Director  
Steve Claycomb – INDOT  
Justin Peters – State Land Office  
Jim Sparks – Indiana Geographic Information Officer  
Andrew Berger - Indiana Association of Indiana Counties

## Jill Saligoe-Simmel

Provided overview of the Indiana Geographic Information Council  
The Workgroup will develop:  
Cadastre, Boundaries, PLSS Plan  
Standards  
Integration

## Cadastre, Boundaries and PLSS Workgroup

**Mission:** *To develop plans, standards, and technical implementation guidance for the IndianaMap framework data layers.*

MEETINGS

ACTIVITIES

## Objectives

- Develop data standards and identify appropriate standards-based data schema.
- Develop plans that include the following:
  - inventory of existing data
  - stakeholder data requirements
  - data stewards
  - costs
  - work flow
  - data transfer mechanisms (with support of Data Integration Workgroup)
  - update frequency
  - maintenance frequency
- Refine and maintain plans as necessary.
- Develop metrics and review status of framework data implementation as input to the biennial report published by the State Geographic Information Officer.

### **Workgroup Members**

- [Lorraine Wright](#), Chair
- Perry Cloyd
- Matt Healy
- Joe Mullins

IGIC website: [www.igic.org](http://www.igic.org)

### **Jim Sparks, Indiana Geographic Information Office (GIO)**

Indiana Geographic Information Officer (GIO):

- Represents requests for grants for the State of Indiana regarding GIS
- Funding proposals
- Representative for State Agencies for contracts and services, products relating to GIS
- Data Integration Plan- GIS
- Want to see State-wide basemap
- Base map – big duty
  - State Mapping and State Fund with no moneys
- Geographic Names Board
- State Educational Institutions
- Administer Indiana Data and Standards (funding)
- Integrate and leverage
- Everyone wants State Parcel information

### **Audience – INDOT, Henry**

- Wants to get coordinates for Section Corner Tie Cards
- Wants all surveys to tie into High Accuracy Reference Network (HARN)
- Work with State Plane coordinates

### **Audience – Hancock County**

- Is the GIO going to require Digital standards and Integration/Standards for parcels?
- The Department of Local Government Finance Agency is now interested in getting parcels

### **GIO, Jim**

The GIO is not demanding parcel data but knows that the Department of Local Government Finance and Dept. of Health wants parcels data.

**Monroe County, Kevin Enright**

- Base Map development should start with accurate surveyed coordinates (section corners)
- Parcel development should be based on section corners (points) first, next develop the lines, and finally develop the parcel polygons.
- Problems with shortcuts – Vector data does not correlate to the land survey section corners

**GIO, Jim**

- Even with Meets and Bounds and boundaries there are issues with input or best fit of parcel data

**INDOT, Henry**

- Start with points. Use State Plane coordinates, need to specify units (Datum, and meters would best fit with High Accuracy Reference Network (HARN)

**GIO, Jim**

- It is important to document Metadata

**Webinar participant**

- Is there a plan to get Orthophotography?

**GIO, Jim**

- Need to get Orthophotography, but there is currently no plan yet
- We will fly again but we will need to determine when and how to pay for it.

**IGIC, Jill**

- We won't be flying in the spring of 2008. We will need to come up with a cost share for the whole state.
- Future plans are to fly 1/4 or 1/3 of the state at a time on a rotational budget per year.
- Need to plan and implement.
- Still need funding
- Stakeholders will be the ones that drive the process
- Need for photography can leverage resources
- Potential

Budget in 2008

Do flights in 2010

**GIO, Jim**

- Begin to gather information
  - To do one quarter of the state orthos we
    - Need to have plan for
    - Funding
    - Data layers – to integrate

versus  
Data layers – for entire state

**IGIC, Jill**

- IGIC has funds for pilot project
  - Integrate 10 counties with parcel and addresses
- Jill will help coordinate
- Determine how to integrate state-wide parcel layers
- Develop business plan –  
Address counties need to sell data

**INDOT, Henry**

- An example of the importance of sharing data can be shown by INDOT
- Wayne County Surveyors office provided data to INDOT that they were able to use in their Route Plats. Data could be used in both AutoCAD and Microstation
- Saved time and money

**IGIC, Jill**

- Last Orthos were funded by federal Dept. of Homeland Security (DHS) Grants  
DHS grants getting cut and don't think it will be a significant funding source

**Audience**

- Will ownership attribute information be required?

**Response**

- Parcel data is a framework layer
- Will need limited attributes for public parcel layer
  - Parcel ID (county)
  - State ID
  - Address
  - Others do not include owner name
- Workgroup will need to re-evaluate
- What parcel attributes are suitable for public consumption?

**GIO, Jim**

- Will need geometry to start and
- State parcel ID

**IDEM, Lorraine**

- Provided an overview of the Tie Card Project
- Demonstrated the Tie Card Project using the IGIS Website and the layers that comprise the project:
  - Section corners
  - Township and Range
  - 2005 Orthophotography
  - Surveyor Tie Cards (must be the active layer)

<http://129.79.145.7/arcims/statewide%5Fmxd/viewer.htm>

### State Land Office, Justin

- Reiterated the need for geometry and State parcel ID
- Demonstrated the State Land Office website that will soon be available to the public. It shows orthos with points representing state properties. The state properties list can be found at [http://www.in.gov/icpr/archives/databases/land/general\\_.html](http://www.in.gov/icpr/archives/databases/land/general_.html)
- Justin showed the Dept. of Local Government Finance (DLGF) webpage <http://www.in.gov/dlgf/>
- DLGF shows the following parcel assessed value attributes (below) for parcels at: <http://www.in.gov/dlgf/assessment.html>

### Parcel Detail

Parcel
Assessment Year
Neighborhood Identifier
Owner
Property Address
Property City
Property Zip
Legal Description
Owner Address
Owner City
Owner State
Owner Zip
Date Transferred to Owner
Current Assessed Value Total Land
Current Assessed Value Total Improvements
Assessed Value Total Land and Improvements
Assessed Value Commercial Land
Assessed Value Total Commercial Improvements
Assessed Value Commercial Land And Improvements
Assessed Value Residential Land and Lots
Assessed Value Residential Improvements
Assessed Value Residential Land and Improvements
Assessed Value NonResidential Land
Assessed Value NonResidential Improvements
Assessed Value NonResidential Land and Improvements

Assessed Value Dwelling
Assessed Value Farmland
Assessed Value Classified Land
Assessed Value Homesites
Average Assessed Value Acre
Appraisal Date
Prior Assessed Value Total Land
Prior Assessed Value Total Improvements

### **IGIC, Jill**

- Probably will start seeing parcel data at State level
- Won't wait for standards to begin integration
- All documents are considered living documents (constantly changing)  
Example: Hamilton County Assessor documents were on paper and mylar. They were never met to be legal documents.
- We need to determine who needs parcels  
Develop inventory
- Issues - data availability  
quality
- Integrate best available data
- Identify gaps
- Develop needs improvement to help those that do not have systems

### **IDEM, Lorraine Wright**

- GIS demonstration showing several county websites that were linked to a state map
- Click on the county outline on the Indiana State Map and the County's website automatically opens.

### **Monroe County, Kevin**

- Transparency should apply to everyone
- Providing the attributes makes it easier to serve customers

### **Audience**

- What would be the State Parcel ID be?

### **State Land Office, Justin**

- The State Parcel ID already exists through the Dept. of Local Government Finance Office (DLGF)

### **INDOT, Henry**

- ISPLS (Land Surveyors) may make a requirement in Rule 12, to tie all surveys to Parcel ID and
- Require that drawing be submitted in drawing file formats (DWG) or compatible format to be turned into state agency as well as local government.

### **IGIC, Jill**

- The outcome of one of the IGIC seminar series was that engineers want standards for state submissions
- There has been a chair identified for that workgroup and it will start meeting early next year. The information will be published on the IGIC website.
- Many surveyors do not have GPS capabilities yet and are still doing work manually.
- Standards would be determined county by county. County could require digital submittals.

### **INDOT, Henry**

- Discussed the CORPS project and that it will be up and coming
- Recommended it be open to the public
- Surveyors will only need one GPS unit and can use the CORPS stations as the base. This will help others to invest in GPS

### **IGIC, Jill**

- Standards are not enforceable, but are there for guidance
- Example – Tie Card layer disclaimer was used to identify the usability of data
- State Land Office Official website will include state properties (with a few exceptions: not included INDOT, Education, and others)

### **Summary, Jill**

- Minutes will be posted to IGIC website
- Stewards will be identified
- Update frequency needs to be determined – County and State of Indiana
  - Parcels will vary by county
- Publication for State for Indiana Map
- How can we help haven't counties?
- How will we align counties next to each other
- There is a separate data integration workgroup to help with aligning county data
- Need recommendations for data layers
- Data objectives – look at the Big Picture
  - Coordination – saves money
  - Make data accessible – helps to make more informed decisions
  - Need to look at economic development
  - Integrate business cases
  - Plan needed to make parcels available state-wide
  - Give opportunity to participants to prepare different sections of the document
  - Look at data requirements
- **ASAP** = Need data integration plan to go to GIO, Jim Sparks
- IGIC GIS Conference, February 19-20, 2008 will cover more
- Indiana Code – no current deadlines

- Develop Plan
  - Need to be champions to get funding for IGIC plans
  - State-wide data integration will help

If you missed the meeting you can view the Webinar at:

<http://www.webinar.in.gov/p48089499/> .

**Next meeting tentatively set for February 7, 2008, 1-3 PM in Indianapolis.**

Side notes:

ISPLS is willing to help counties with the Tie Card project. Send Perry Cloyd list of counties that want tie cards.

Disclaimer for Parcel data – Not a substitute for a legal survey

Webinar participants – Five logons

Next webinar have Presenter logon as presenter so main computer will see same info as audience

Webinar participants next time – Identify themselves in logon as Name and county (or affiliation)

Summarized by Lorraine Wright, December 28, 2007